

542, 045

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 July 2004 (29.07.2004)

PCT

(10) International Publication Number
WO 2004/063268 A1

- (51) International Patent Classification⁷: **C08K 13/02**,
C08L 23/00, B32B 27/20, C08K 9/04 // (C08K 13/02,
3:34, 5:00)
- (21) International Application Number:
PCT/EP2004/000068
- (22) International Filing Date: 8 January 2004 (08.01.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
03405011.2 15 January 2003 (15.01.2003) EP
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CALS HOLDING INC.**; Patentabteilung, Klybeckstrasse
141, CH-4057 Basel (CH).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments
- For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: STABILIZATION OF THERMOPLASTIC NANOCOMPOSITES

(57) Abstract: The instant invention discloses a nanocomposite material comprising (a) a synthetic polymer, (b) a natural or syn-
thetic phyllosilicate or a mixture of such phyllosilicates in nanoparticles, (c) a phenolic antioxidant and/or a processing stabilizer,
and (d) a mono or polyfunctional compound selected from the class consisting of the epoxides, oxazolines, oxazolones, oxazines,
isocyanates and/or anhydrides.

WO 2004/063268 A1